

Appendix table 2-12.

Freshmen intending to major in selected S&E fields, by race/ethnicity: 1971–2000
 (Percentages)

Field and sex	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	65.7	66.6	65.2	65.8	65.1	64.6	65.3	62.6	62.8	63.1	63.1	62.5	62.5	61.7	61.4	60.3	59.2	56.6	57.3	57.1	57.9	57.1	56.1	55.0	54.5	55.6	55.6	55.3	56.2	55.9
Female	34.3	33.4	34.8	34.2	34.9	35.4	34.7	37.4	37.2	36.9	36.9	37.5	37.5	38.3	38.6	39.7	40.8	43.4	42.7	42.9	42.1	42.9	43.9	45.0	45.5	44.4	44.7	43.8	44.1	
White																														
All S&E fields	92.1	90.6	91.0	90.5	89.4	88.3	87.9	88.5	86.5	86.2	87.5	85.3	85.4	85.7	83.7	84.0	83.1	80.0	81.8	78.8	76.9	78.8	79.1	76.3	76.2	75.4	76.3	75.9	74.4	72.4
Physical sciences	94.9	94.1	93.2	92.4	92.5	90.7	91.9	92.6	91.2	90.5	91.7	89.3	90.5	90.2	86.3	88.5	88.3	88.1	87.6	87.6	85.0	86.5	85.7	82.4	84.7	83.7	84.6	83.8	84.9	82.5
Biological sciences	94.3	93.6	92.3	92.0	91.2	90.1	90.7	90.4	90.0	89.9	89.5	87.6	86.3	85.6	84.2	84.2	82.9	80.3	81.9	79.1	77.5	79.0	79.4	77.3	76.6	76.4	77.0	76.3	75.3	71.5
Social and behavioral sciences ...	89.2	87.9	88.5	87.8	85.2	84.4	84.3	85.1	84.4	84.7	87.7	85.5	86.4	87.0	88.2	85.6	85.6	80.3	83.5	79.6	79.0	80.8	81.3	78.4	78.6	78.6	78.5	76.5	76.9	74.3
Mathematics and statistics	93.9	92.2	91.5	92.0	92.1	92.4	92.1	91.7	90.1	90.1	87.7	90.8	91.6	89.7	89.1	86.2	88.9	86.6	84.7	84.9	86.9	82.2	83.5	83.6	82.9	83.6	82.7	82.8		
Computer sciences	88.0	81.4	86.1	86.0	84.1	85.4	83.1	85.0	79.8	81.3	83.4	81.7	79.0	76.3	71.2	73.9	73.4	68.7	68.5	62.9	61.3	66.4	66.3	67.3	65.2	65.2	68.0	66.1	63.7	64.0
Engineering	93.2	91.1	92.2	91.5	90.7	88.8	87.9	89.1	86.6	86.1	87.5	85.7	87.2	87.7	83.3	84.0	81.5	80.1	81.1	79.2	76.1	77.1	77.2	73.8	74.3	73.1	75.2	78.0	74.5	73.3
Asian American																														
All S&E fields	0.9	1.2	1.2	1.5	1.8	1.8	1.8	2.1	2.1	2.0	2.4	2.7	2.6	4.2	4.6	4.7	5.1	4.7	5.2	5.9	5.8	5.7	8.0	7.2	7.9	8.1	7.9	9.4	9.7	
Physical sciences	1.1	1.2	1.4	1.9	1.9	2.0	2.2	1.9	2.3	2.1	2.2	3.1	3.2	3.5	5.4	5.0	4.5	5.1	4.0	4.7	5.2	5.1	4.6	7.0	5.5	5.6	5.4	6.4	6.2	6.5
Biological sciences	0.5	1.0	1.5	1.6	2.1	1.7	1.8	2.0	1.8	2.1	2.1	3.7	3.3	5.6	6.3	6.9	7.7	6.2	6.9	8.2	7.7	7.4	9.6	8.5	8.2	8.3	8.7	9.4	10.8	
Social and behavioral sciences ...	0.6	0.8	0.5	0.9	1.1	1.0	1.0	1.1	1.0	1.1	1.5	1.4	2.4	2.3	2.5	3.1	3.0	3.5	3.8	3.7	4.0	4.5	4.3	4.4	4.8	4.4	5.0	5.6		
Mathematics and statistics	0.8	1.2	1.2	1.7	2.1	1.7	1.6	1.5	2.6	1.3	1.8	1.6	2.6	1.8	2.8	3.7	3.1	3.7	3.3	3.7	4.3	4.4	4.2	4.8	4.5	5.3	5.1	4.7	6.3	6.9
Computer sciences	0.9	2.9	1.5	2.3	2.2	1.8	2.4	2.4	2.0	2.0	1.5	1.9	2.0	2.0	1.9	4.0	4.5	4.7	3.4	4.7	6.2	4.7	5.5	10.0	9.3	11.4	11.0	16.1	14.8	
Engineering	1.5	1.7	1.5	1.7	2.1	2.4	2.4	2.2	3.1	2.9	2.6	3.0	3.4	3.5	5.7	5.8	6.0	6.4	6.4	6.7	6.9	6.3	10.5	8.9	10.2	9.8	10.8	11.1		
Black																														
All S&E fields	6.2	6.9	6.6	6.3	7.3	7.9	7.9	7.7	8.8	9.5	8.6	10.4	10.0	9.7	10.0	8.8	9.6	11.7	10.5	12.1	13.1	11.3	11.4	11.1	11.6	11.7	11.4	11.6	10.4	11.5
Physical sciences	3.4	3.9	4.5	4.3	4.2	5.3	4.2	4.0	4.9	5.7	4.7	6.2	5.2	4.8	6.9	4.8	5.3	5.0	6.1	4.9	7.0	5.9	7.2	7.8	6.5	6.5	6.3	7.4		
Biological sciences	4.2	4.5	4.8	4.7	5.1	6.1	5.6	5.7	5.7	6.1	6.1	7.8	7.7	8.9	7.8	6.4	7.3	8.6	9.0	10.0	10.0	9.1	9.3	9.0	10.6	10.7	10.5	10.2	9.6	11.3
Social and behavioral sciences ...	9.2	9.9	9.5	9.3	11.7	12.4	11.7	11.4	11.7	11.4	9.4	10.5	10.2	10.0	7.7	9.2	13.5	10.3	12.8	13.0	10.9	10.3	11.6	11.4	12.0	12.2	13.8	11.9	12.1	
Mathematics and statistics	4.8	5.6	6.5	5.2	4.6	4.6	5.3	5.4	6.2	7.7	7.3	8.9	5.1	5.9	6.2	6.0	6.6	8.4	5.3	7.0	8.7	8.2	7.3	10.3	10.0	8.8	10.0	7.6	8.5	6.6
Computer sciences	10.0	14.6	11.3	10.2	12.6	10.3	11.1	11.2	15.7	15.0	13.5	14.9	17.3	18.9	24.9	19.7	19.3	23.1	25.1	28.6	27.5	23.2	24.1	18.9	20.8	18.4	17.0	18.9	15.3	15.6
Engineering	4.5	5.4	4.9	5.2	5.9	6.7	7.3	6.7	7.7	8.7	7.6	9.4	9.7	10.1	9.4	10.5	13.4	12.2	12.7	11.0	10.9	10.7	10.3	7.6	7.9	9.7				
Hispanic																														
All S&E fields	0.5	1.0	0.8	1.2	1.4	1.1	1.7	1.4	1.8	1.5	1.2	1.8	1.3	1.2	1.5	2.0	1.9	2.3	2.1	2.5	2.6	4.1	3.9	4.9	5.1	5.5	5	5.5	6.4	7.1
Physical sciences	0.3	0.7	0.8	1.0	1.2	1.2	0.7	1.0	1.5	1.1	1.1	1.3	0.9	1.1	1.1	1.2	1.3	1.8	1.7	2.0	1.8	2.7	2.6	3.7	2.8	3.1	3.6	3.7	3.8	5.3
Biological sciences	0.5	0.6	0.8	1.1	1.3	1.0	1.4	1.2	1.9	1.6	1.4	1.6	1.6	1.2	1.7	2.4	2.1	2.3	2.1	2.3	2.6	2.6	2.3	2.9	2.7	2.9	3.1	3.7	4.3	4.9
Social and behavioral sciences ...	0.8	1.4	1.0	1.5	1.8	1.5	2.5	1.9	2.2	1.7	1.3	2.1	1.4	1.1	1.7	2.3	2.1	2.7	2.4	2.9	2.8	4.8	5.0	5.8	5.9	6.4	6.1	6.4	7.5	9.1
Mathematics and statistics	0.4	0.8	0.8	1.0	1.4	0.7	1.4	0.9	0.9	1.3	0.4	1.6	1.1	0.6	0.7	1.3	1.0	1.4	1.5	2.0	1.3	1.9	3.0	1.9	3.5	2.6	3.3	4.4	5.2	4.7
Computer sciences	0.8	1.4	0.8	1.1	1.2	1.1	2.5	1.3	2.2	1.1	1.2	1.7	1.0	1.6	1.4	1.8	2.2	1.9	2.0	3.3	4.1	3.6	4.4	4.5	5	4.1	4.8	4.9	5.9	
Engineering	0.5	1.1	0.9	1.2	1.0	1.1	1.5	1.3	1.6	1.3	1.3	1.7	1.1	1.5	2.1	2.1	1.9	2.2	2.2	2.5	3.9	3.7	5.3	5.9	5.8	4.9	5.6	7	6.1	
American Indian																														
All S&E fields	0.9	1.0	0.9	0.8	0.7	0.9	0.7	0.7	0.8	0.8	0.9	0.9	1.1	0.9	0.9	0.9	0.9	1.0	0.9	1.0	1.3	1.6	1.7	2.0	2.1	2.3	3.1	2.1	2.3	1.9
Physical sciences	0.8	1.1	0.8	0.9	0.7	1.1	0.6	0.5	1.3	0.6	0.8	0.9	1.2	0.5	0.8	1.0	1.1	0.8	0.9	1.8	1.6	1.4	1.1	2.0	2.1	2.9	3.5	2.3	3.3	2.5
Biological sciences	1.0	1.1	1.0	0.9	0.8	0.9	0.8	0.7	0.8	0.9	0.9	1.1	1.5	1.1	1.0	1.1	0.9	0.8	1.7	1.7	1.8	1.8	1.9	2.2	2.3	3.1	2.1	2.5	1.8	
Social and behavioral sciences ...	1.0	1.1	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	1.1	0.9	1.0	0.9	1.2	1.0	0.9	1.0	1.2	1.4	1.7	1.9	2.1	2.4	2.6	3.7	2.6	2.4	2.4	
Mathematics and statistics	1.0	0.8	0.9	0.5	0.5	0.7	0.9	0.5	0.2	0.8	0.3	1.1	0.7	0.5	0.5	0.7	1.1	0.7	0.6	0.6	0.6	1.0	1.6	1.9	1.1	1.7	2.1	1.3	2.4	0.9
Computer sciences	1.4	0.8	1.5	0.4	0.8	1.1	0.																							